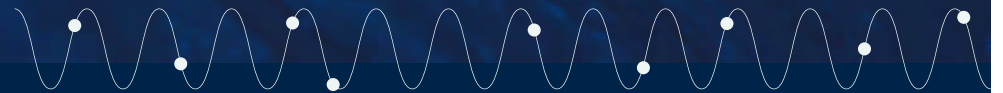


# Summary of Grants



**DIVISION OF RESEARCH REPORT**





## ONGOING GRANTS

**\$120,000**

**Osteopathic Heritage Foundation**  
Center for Chronic Disorders of Aging endowment  
*Brian Balin, PhD, Bio-Medical Sciences, PCOM*

**\$10,000**

**Sim Einstein Research Foundation, Inc.**  
Investigation of the pathobiome in Alzheimer's disease  
*Brian Balin, PhD, Bio-Medical Sciences, PCOM*

**\$637,123**

**Organic Remedies**  
Medical Cannabis Research Center –  
administrative core  
*Katherine Galluzzi, DO, Geriatrics, PCOM*

**\$2,678**

**Organic Remedies**  
Medical marijuana usage at nursing home facilities  
in Pennsylvania  
*Katherine Galluzzi, DO, Geriatrics, PCOM*  
*Mindy George-Weinstein, PhD, Division of Research, PCOM*

**\$21,213**

**Code BioTherapeutics, Inc.**  
Determination of uptake of fluorescent 3DNA in vitro  
and in vivo  
*Mindy George-Weinstein, PhD, Division of Research, PCOM*

**\$459,714**

**Organic Remedies**  
Assessment of the efficacy of medical marijuana  
for increasing analgesia, decreasing use of other  
pain medications, and improving quality-of-life  
and functioning among individuals with chronic  
neuropathic pain  
*Frederick Goldstein, PhD, Bio-Medical Sciences, PCOM*  
*Katherine Galluzzi, DO, Geriatrics, PCOM*  
*Michelle Lent, PhD, Clinical Psychology, PCOM*

**\$68,137**

**Organic Remedies**  
Cognition and behavior in children and adolescents  
with autism spectrum disorder using medical marijuana  
*Elizabeth Gosch, PhD, Clinical Psychology, PCOM*  
*Michelle Lent, PhD, Clinical Psychology, PCOM*





## ONGOING GRANTS (continued)

**\$51,762**

**National Science Foundation**

Quantitative molecular dynamics of extremeophile metalloproteins (subcontract)

*Francis Jenney, Bio-Medical Sciences, PCOM Georgia*

**\$7,500**

**American Association of Colleges of Pharmacy**

Developing hydrogel-forming microneedles to deliver an anti-Parkinson drug into skin

*Yujin Kim, PharmD, Pharmaceutical Sciences, PCOM Georgia*

**\$484,697**

**Organic Remedies**

Determinants of psychosocial and clinical outcomes in medical marijuana users

*Michelle Lent, PhD, Clinical Psychology, PCOM*

**\$1,103,544**

**Organic Remedies**

Examining the incremental effect of medical cannabis on pain management, psychosocial functioning and treatment outcomes in patients with opioid use disorder

*Michelle Lent, PhD, Clinical Psychology, PCOM*

**\$1,069,610**

**Patient-Centered Outcomes Research Institute**

Identifying optimal psychosocial interventions for patients receiving office-based buprenorphine

*Michelle Lent, PhD, Clinical Psychology, PCOM*

**\$1,218**

**Pennsylvania Department of Health**

Enhancing office-based buprenorphine treatment: An adaptive psychological approach (subcontract)

*Michelle Lent, PhD, Clinical Psychology, PCOM*

**\$43,034**

**Arvinas, Inc.**

Determine the impact of AR-targeting PROTAC treatment on SBMA phenotypes using the dose and frequency identified in Aim 1

*Heather Montie, PhD, Bio-Medical Sciences, PCOM*

**\$17,739**

**Kennedy's Disease Association**

Generation of a high-throughput in vivo assay to test potential therapeutics for SBMA (no-cost extension – remaining funds)

*Heather Montie, PhD, Bio-Medical Sciences, PCOM*





## ONGOING GRANTS (continued)

**\$9,998**

**Organic Remedies**

Impact of medical marijuana law on marijuana usage in Pennsylvania

*Stephen Poteau, PhD, Clinical Psychology, PCOM*

*Jane Dumsha, PhD, Division of Research, PCOM*

**\$99,530**

**National Science Foundation**

Mechanisms of growth plate patterning revealed by natural variation in mammalian ossification (no-cost extension – remaining funds)

*Philip Reno, PhD, Bio-Medical Sciences, PCOM*

**\$45,472**

**National Science Foundation**

Evolution and development of the hominoid wrist (no-cost extension – remaining funds)

*Philip Reno, PhD, Bio-Medical Sciences, PCOM*

**\$12,213**

**NIH – National Institute of Allergy and Infectious Diseases**

Role of Chlamydia trachomatis Inc proteins in modulating the immune response (subcontract)

*Jennifer Shaw, PhD, Bio-Medical Sciences, PCOM South Georgia*

**\$2,789**

**Aucta Pharmaceuticals**

The study for products of AP201908

*Zhiqian Wu, PhD, Pharmaceutical Sciences, PCOM Georgia*







## NEW GRANTS

**\$20,000**

**Sim Einstein Research Foundation, Inc.**

Consensus extraction protocol development for infection in Alzheimer's disease

*Brian Balin, PhD, Bio-Medical Sciences, PCOM*

**\$29,950**

**VentureWell**

Expanding bioentrepreneurship training and biotechnology industry ecosystem access to underserved populations through an open-access, multiple campus life science innovation course

*Brian DeHaven, PhD, Bio-Medical Sciences, PCOM*

**\$75,000**

**Substance Abuse and Mental Health Services Administration**

Northeast collaborative to improve access to overdose treatment (subcontract)

*Julia Lees, PharmD, BCACP, Pharmacy Practice, PCOM*

**\$137,003**

**Organic Remedies**

Expectations and experiences of US military veterans with PTSD using medical marijuana

*Michelle Lent, PhD, Clinical Psychology, PCOM*

**\$3,050**

**Georgia Foundation for Physical Therapy**

Development of thoracic functional index: A patient-reported outcome

*Scott Lowe, DPT, Physical Therapy, PCOM Georgia*

**\$7,000**

**University of North Texas Health Science Center**

Targeted Access Knowledge and Education on HIV (TAKE on HIV) for Health Professions Program (subcontract)

*Edoabasi U. McGee, PharmD, BCPS*

**\$100,000**

**Kennedy's Disease Association**

Investigating the role of CD38 in metabolic dysregulation in Kennedy's disease

*Heather Montie, PhD, Bio-Medical Sciences, PCOM*



## NEW GRANTS

**\$151,600**

**National Institutes of Health – National Institute of Neurological Diseases and Stroke**

Generation and characterization of a cre/lox regulated transgenic zebrafish model of SBMA

*Heather Montie, PhD, Bio-Medical Sciences, PCOM*

**\$73,736**

**Organic Remedies**

The elements of surprise: Exploring predictive errors and treatment satisfaction across approved serious medical conditions for medical marijuana

*Stephen Poteau, PhD, Clinical Psychology, PCOM*

**\$74,918**

**Organic Remedies**

Chronic for chronic pain? An investigation into medical marijuana efficacy when accounting for duration of chronic pain

*Stephen Poteau, PhD, Clinical Psychology, PCOM*